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Albert H. Kruse
Commissioner of Agriculture
State of Montana
Helena, Montana

COMMERCIAL FERTILIZER REPORT

Leon H. Johnson
Chemistry Research Department
Montana State College
Bozeman, Montana

Issued By
The Department of Agriculture, State of Montana, Helena, Montana
and
The Agricultural Experiment Station, Montana State College, Bozeman, Montana

VOLUME II, PAGE 1, DECEMBER, 1954

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Name and Address of Manufacturer with Brand Name	Place of Collection	Registration No.	% Available Nitrogen (N)		% Phosphoric Acid (P_2O_5) Total		% Phosphoric Acid (P_2O_5) Available		% Available Potash (K_2O)	
			Claimed	Found	Claimed	Found	Claimed	Found	Claimed	Found
ALASKA FERTILIZER COMPANY Seattle 1, Washington										
Alaska 100% Organic Deodorized Fish	Billings	‡	5.0	5.2		1.0	2.0	1.0	2.0	2.4
ALLIED CHEMICAL & DYE CORPORATION Nitrogen Division New York 6, New York										
"ARCADIUM" Anhydrous Ammonia	†	492								
AMERICAN CHEMICAL PAINT COMPANY Ambler, Pennsylvania										
Gro-Stuf	†	441								
AMERICAN CYANAMID COMPANY New York 20, New York										
AERO Cyanamid, Special Grade	†	456								
ANACONDA COPPER MINING COMPANY Anaconda, Montana										
Sulphate of Ammonia	†	459								
Anaconda Complete Fertilizer 10-18-5	Kalispell	460	10.0	12.7	19.0	**14.8**	18.0	**14.0**	5.0	5.0
Anaconda Ammoniated Phosphate 6-30-0	Forsythe	461	6.0	6.6	31.0	30.9	30.0	29.7		
Anaconda Treble Superphosphate	Scobey	462			44.0	45.8	42.0	42.7		
Anaconda Plantcare	Bozeman	463	6.0	6.4	13.0	15.6	12.0	14.9	4.0	4.5
Anaconda Ammoniated Phosphate 10-20-0	Forsythe	464	10.0	**9.2**	20.5	22.9	20.0	21.6		
Anaconda Liquid Phosphoric Acid	†	465								
Muriate of Potash	†	466								
Anaconda Ammoniated Phosphate 16-8-0	†	488								
ARMOUR FERTILIZER WORKS Chicago Heights, Illinois										
Armour Vertagreen Plant Food	†	483								
Armour Vertagreen Plant Food for Professional Use	†	484								
ARMOUR FERTILIZER WORKS Bartow, Florida										
Pebble Plant Food 45% Superphosphate	Fairview	‡				45.3	45.0	44.9		
H. J. BAKER & BRO. New York, New York										
Nitroganic	Billings	‡	5.0	**4.7**		4.0	4.0	4.0		
CALIFORNIA SPRAY-CHEMICAL CORPORATION Richmond, California										
Ortho Lawn Groom	†	443								
Ortho Leaf Feed	†	444								
Ortho-Gro Liquid Plant Food	Missoula	445	10.0	9.7	5.0	4.9	5.0	4.9	5.0	4.9
Ortho-Gro Dry Fertilizer	Billings	446	7.0	7.1		10.3	9.0	9.1	5.0	5.5
COMMERCIAL SOLVENTS CORPORATION New York 16, New York										
Crystalline Ammonium Nitrate Fertilizer	†	442								
CURRY CHEMICAL COMPANY, INC. Scottsbluff, Nebraska										
Nitrogen 82	†	491								

Violations in Bold Type — See Montana Fertilizer Law, Sec. 4208.11.
†-No Sample Obtained.
‡-Not Registered.

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			Claimed	Found	Claimed	Found	Claimed	Found	Claimed	Found
CONSOLIDATED MINING & SMELTING CO. OF CANADA LIMITED Vancouver, B. C., Canada										
Elephant Brand Sulphate of Ammonia	Missoula	468	21.0	20.6						
Elephant Brand Ammonium Phosphate-Sulphate 16-20-0	Kalispell	469	16.0	15.8	20.0	22.3	20.0	22.2		
Elephant Brand Ammonium Phosphate 11-48-0	Kalispell	470	11.0	11.2	48.0	47.6	48.0	47.4		
Elephant Brand Ammonium Nitrate "Nitraprills"	Custer	471	33.5	33.0						
	Hamilton	471	33.5	33.1						
E. I. DU PONT DE NEMOURS & COMPANY Wilmington, Delaware										
Du Pont Soluble Plant Food 19-22-16	†	437								
Du Pont Nu Green Fertilizer Compound	Kalispell	438	45.0	43.0						
FERRO CORPORATION Cleveland 5, Ohio										
Agricultural FTE	†	486	CLAIM: TRACE ELEMENTS							
Agricultural FTE Manganese "40"	†	487	CLAIM: TRACE ELEMENTS							
FERTIL-POINT COMPANY Seattle 9, Washington										
Fertil-Points	†	457								
GARDEN RESEARCH LABORATORIES New York 22, New York										
RX-15	†	478								
GRO-CROP, INC. Summerdale, Alabama										
Gro-Crop	Billings	‡	5.0	4.9		11.4	10.0	11.4	5.0	5.9
HELLER GREENHOUSE LABORATORIES Colorado Springs, Colorado										
Heller-Gro	†	485								
HOPE-RIVARD ENTERPRISES Selah, Washington										
Plant Life	†	490								
HYDROPONIC CHEMICAL COMPANY, INC. Copley, Ohio										
Hyponex	Missoula	455	7.0	7.4	6.0	7.1	6.0	7.0	19.0	19.0
IDEAL CEMENT COMPANY Butte, Montana										
Hanover Agricultural Gypsum	Libby	475	CLAIM: Hydrous calcium sulfate ($CaSO_4 \cdot 2H_2O$) 80% and anhydrous calcium sulfate ($CaSO_4$) 6%. FOUND: Sulfur equivalent to 93.6% hydrous calcium sulfate ($CaSO_4 \cdot 2H_2O$).							
LOAMIUM COMPANY OF AMERICA Harrison, New Jersey										
Gro-Plus 16-16-16	Missoula	447	16.0	16.5	16.0	15.5	16.0	15.5	16.0	16.3
Loamium	†	448								
MILLER PRODUCTS COMPANY Portland, Oregon										
Miller's Garden Booster Powder	Great Falls	‡	4.0	5.2		11.5	10.0	11.3	14.0	16.5

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MONSANTO CHEMICAL COMPANY St. Louis 4, Missouri										
Folium	Bozeman	477	20.0	19.7	20.0	24.7	20.0	24.7	20.0	21.7
Di-Ammonium Phosphate (water soluble with trace minerals)	Great Falls	‡		13.4		45.1		45.1		
"Na-CHURS" PLANT FOOD COMPANY Marion, Ohio										
"Na-Churs" Liquid Fertilizer 7-14-9	†	453								
NORTHRUP KING & COMPANY Minneapolis, Minnesota										
Golf Brand Lawnfood	Billings	476	10.0	10.0		7.2	6.0	6.9	4.0	4.8
PEAVEY FERTILIZER PLANT Fargo, North Dakota										
Peavey Fertilizer	†	494								
PLANTABBS CORPORATION Baltimore 1, Maryland										
Fulton's Plantabbs	Missoula	467	11.0	11.1	15.0	21.3	15.0	21.2	20.0	25.8
PHILLIPS CHEMICAL COMPANY Bartlesville, Oklahoma										
Phillips 66 Anhydrous Ammonia	†	439								
Phillips 66 Ammonium Sulfate	Kalispell	440	21.0	20.6						
Phillips 66 Fertilizer Grade Ammonium Nitrate	Billings	‡	33.0	32.7						
RA-PID-GRO CORPORATION Dansville, New York										
Ra-Pid-Gro	Billings	452	23.0	23.1	21.0	20.8	21.0	20.8	17.0	17.1
RED LANE CALCAREOUS SINTER COMPANY, INC. Thermopolis, Wyoming										
Red Lane Agricultural Calcium Mineral (Precipitated Calcareous Sinter)	†	480								
O. M. SCOTT & SONS COMPANY Marysville, Ohio										
Scotts Turf Builder	Bozeman	450	9.0	8.9	7.0	7.2	7.0	6.9	4.0	5.2
Scotts Weed and Feed	Bozeman	451	7.0	7.9	11.0	11.5	11.5	11.2	5.0	**3.2**
J. R. SIMPLOT COMPANY, Fertilizer Division Pocatello, Idaho										
Simplot Red Diamond Super Phosphate	Chinook	‡				21.3	18.0	20.2		
Simplot Triple Superphosphate	Dillon	479			43.0	45.8	42.0	42.6		
SPENCER CHEMICAL COMPANY Kansas City, Missouri										
"Mr. N"	†	449								
STIMUPLANT LABORATORIES COMPANY Columbus 16, Ohio										
Stim-U-Plant Plant Tablets	†	458								
SWIFT & COMPANY, Plant Food Division North Portland, Oregon										
Instant Vigoro	†	472								
Vigoro	Kalispell	473	6.0	6.2	10.3	10.0	10.0	9.8	4.0	4.9
	Bozeman	473	6.0	5.8	10.3	11.1	10.0	10.7	4.0	4.6
THURSTON CHEMICAL COMPANY Joplin, Missouri										
BEM Brand Fertilizer	Glasgow	‡				20.2	20.0	19.9		

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			Claimed	Found	Claimed	Found	Claimed	Found	Claimed	Found
TIDEWATER LABORATORIES, INC. Bellingham, Washington										
Hi-Tide	†	482								
UNITED STATES GYPSUM COMPANY Chicago 6, Illinois										
Ben Franklin Agricultural Gypsum	†	481								
UNITED STATES STEEL CORPORATION San Francisco, California										
U.S.S. Ammonium Sulphate	Corvallis	454	20.6	20.6						
WASATCH CHEMICAL COMPANY Salt Lake City, Utah										
Wasco 10-20-0	Dillon	‡	10.0	10.3	21.0	22.9	20.0	21.4		
WESTERN FERTILIZERS Harlowton, Montana										
Lamus	Billings	474	1.6	1.4		0.5	0.7	0.5	0.7	0.9
WESTERN MINES, INC. Denver, Colorado										
Magnite	†	493								
WESTERN PHOSPHATES, INC. Garfield, Utah										
Anchor Brand Treble Superphosphate	†	489								

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